

TDMS No. 20201-01
Test Type: 26-WEEK
Route: SKIN APPLICATION
Species/Strain: MICE/TG.AC HEMI

P11: STATISTICAL ANALYSIS OF SURVIVAL DATA
TEF TRANSGENICS (TCDD)
CAS Number: 1746-01-6

Date Report Reqsted: 06/14/2006
Time Report Reqsted: 13:18:44
First Dose M/F: NA / 04/21/03
Lab: BAT

C Number: C20201A
Lock Date: 07/24/2004
Cage Range: 1 - 9999
Date Range: 1-JAN-1940 to 17-SEP-2040
Reasons For Removal: ALL
Removal Date Range: JAN /1 /1940 - SEP /17 /2040
Treatment Groups: Include 1 0 NG/KG

Include 2 121 NG/KG

Include 3 760 NG/KG

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FEMALE MICE
FIRST TERMINAL SACRIFICE AT 183 DAYS
INDIVIDUAL SURVIVAL TIMES (DAYS)

DOSE = 0 NG/KG

TOTAL	20	UNCENSORED DEATHS	3	CENSORED DEATHS	0	TERMINAL	17
UNCENSORED DEATHS							
	74 81 165						
CENSORED DEATHS							
	None						

DOSE = 121 NG/KG

TOTAL	20	UNCENSORED DEATHS	8	CENSORED DEATHS	0	TERMINAL	12
UNCENSORED DEATHS							
	57 102 110	122 123 150 163 172					
CENSORED DEATHS							
	None						

DOSE = 760 NG/KG

TOTAL	20	UNCENSORED DEATHS	9	CENSORED DEATHS	0	TERMINAL	11
UNCENSORED DEATHS							
	84 97 122	129 143 151 155 155 156					
CENSORED DEATHS							
	None						

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FEMALE MICE
FIRST TERMINAL SACRIFICE AT 183 DAYS

KAPLAN-MEIER SURVIVAL PROBABILITY ESTIMATES (%)										
DOSE	TIME (DAYS)									
	19	38	57	76	95	114	133	152	171	183(A)
0 NG/KG	100.0	100.0	100.0	100.0	90.0	90.0	90.0	90.0	90.0	85.0
121 NG/KG	100.0	100.0	100.0	95.0	95.0	90.0	75.0	75.0	65.0	60.0
760 NG/KG	100.0	100.0	100.0	100.0	95.0	90.0	85.0	75.0	55.0	55.0

(A) FIRST TERMINAL SACRIFICE
(B) THE FIRST ENTRY IS THE TREND TEST (TARONE, 1975) RESULT. SUBSEQUENT ENTRIES ARE THE RESULTS OF PAIRWISE TESTS (COX, 1972). NEGATIVE TRENDS ARE INDICATED BY "N".
(C) MEAN OF ALL UNCENSORED DEATHS PRIOR TO TERMINAL SACRIFICE
(D) MEAN OF ALL DEATHS (UNCENSORED, CENSORED, TERMINAL SACRIFICE)

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FEMALE MICE
 FIRST TERMINAL SACRIFICE AT 183 DAYS

SURVIVAL SUMMARY STATISTICS			
DOSE	0 NG/KG	121 NG/KG	760 NG/KG
SURVIVAL AT END OF STUDY (KAPLAN-MEIER)	85.0%	60.0%	55.0%
SIGNIFICANCE (B) (LIFE TABLE)	P=0.199	P=0.164	P=0.093
MEAN DAY OF NATURAL DEATHS (C) (STANDARD ERROR)	106.7 (29.2)	124.9 (13.1)	132.4 (8.9)
MEAN LIFE SPAN (D) (STANDARD ERROR)	171.6 (7.3)	159.8 (8.3)	160.3 (7.0)

*** END OF REPORT ***

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